Review Schedule
Middleware and Network Research Projects
Argonne National Laboratory
Building 221
Aug 18-20, 2003

August 18, Day 1: [Cover nine projects]   [8 am - 5:30 pm]

Each project will have 40 minutes for presentation with 10 minutes discussion. These sessions are open to all. Parallel sessions will be used in the afternoon. At the end of the day, the projects will meet individually for twenty minutes with the reviewers in closed session for additional questions and discussion. (This will be accomplished in parallel with the middleware review panel spilt in half.)

Room A216

8 am – 8:30 am   ***Executive session with all reviewers***

8:30am – 9:00am   ***Overview and introductions***
(all reviewers, all projects)

9 am – 12 noon -   ***Middleware for Secure Sharing, Multicast and Authentication***
(Three projects and a 30min break)
1. Reliable and Secure Group Communication - Agarwal
2. Distributed Security Architectures – Thompson
3. Security and Policy for Group Communications – Tuecke

12noon – 1pm   Lunch – ANL cafeteria

Break into parallel sessions

Room A216 --Group A

1 pm – 4 pm   ***Middleware for Secure Sharing, Multicast and Authentication, concluded***
(one project)
4. A Scalable and Secure Peer-to-Peer Information Sharing Tool - Berket/Agarwal
Middleware for Grid Services
(two projects and a 30 min break)
5. Commodity Grid Kits (CoGkits) - von Laszewski

6. eServices Infrastructure for Collaborative Services –
   Keahey/Jackson

4 pm – 5 pm   ***Group A reviewers closed session drill-down***
(in parallel)   <u>**Room A216**</u> - Half Group A reviewers spend 20 minutes
                         each with projects 1-3
                  <u>**Room A235**</u> - Half Group A reviewers spend 20 minutes
                         each with projects 4-6

5 pm - 5:30 pm   <u>**Room A216**</u> - ***Group A reviewers meet in executive session.***

<u>Room A261 -- Group B</u>

1 pm – 4 pm   ***Transport Protocols Engineering***
                         (three projects and a 30 min break)
                  7. The Net100 Project – Mathis/Tierney/Dunigan
                  8. Stability Modeling and Control of Transport Protocols for High-
                     speed Data Grids – Rao
                  9. High-Performance Transport Protocols – Feng

4 pm – 5 pm   ***Group B reviewers closed session drill-down***
                  Group B reviewers spend 20 minutes each with projects 7-9

5 pm - 5:30 pm   ***Group B reviewers meet in executive session***

August 19, Day 2: [Cover twelve projects]   [9 am – 5:30 pm]

Each project will have 40 minutes for presentation with 10 minutes discussion. These sessions are open to all. Parallel sessions will be used with six projects covered in each. At the end of the day, the projects will meet individually for twenty minutes with the reviewers in closed session for additional questions and discussion. (This will be accomplished in parallel, with both review panels spilt in half.)

<u>Parallel sessions</u>

<u>Room A216 - Group A</u>

9 am – 12 noon   ***Middleware for Portals and Spaces***
                         (three project plus a 30 min break)
                  10. Middleware to Support Group to Group - Stevens/Papka
                  11. Middleware Technology to Support Science Portals – Gannon
                  12. Pervasive Collaborative Computing Environment – Agarwal

<u>Room A261 - Group B</u>

9am – 12noon   *Network Measurement and Analysis*
                          (three projects plus a 30 min break)
                    13. PingER project for HENP – Cottrell
                    14. Edge-based Measurement - Baranuik
                    15. Terascale Network Simulations –Wing

12 noon –1 pm   *Lunch – ANL cafeteria*

Room A 216 - Group A

1 pm – 4 pm   *Middleware for Data Transport and Management*
                    (three projects plus a 30 min break)
                    16. Scientific Annotation Middleware – Myers
                    17. Storage Resource Management for Data Grid Applications –
                       Shoshani
                    18. Logistical Networking for Data Distribution – Beck

4 pm – 5 pm   *Group A reviewers closed session drill-down*
(in parallel)   Half the A reviewers spend 20 minutes each with projects 10-12
                    Half the A reviewers spend 20 minutes each with projects 16-18

5 pm - 5:30 pm   *Group A reviewers meet in executive session.*

Room A261 - Group B

1 pm – 4 pm   *Network Measurement and Analysis, concluded*
                    (three projects plus a 30 min break)
                    19. Self Configuring Network Monitoring - Tierney
                    20. Bandwidth estimation - Claffy/Constantinos
                    21. Distributed Monitoring Framework – Tierney

4 pm – 5 pm   *Group B reviewers closed session drill-down*
(in parallel)   **Room A261** - Half the B reviewers spend 20 minutes
                                    each with projects 13-15
                    Room C244 - Half the B reviewers spend 20 minutes
                                    each with projects 19-21

5 pm - 5:30 pm   **Room A261** *Group B reviewers meet in executive session.*

August 20, Day 3: [Cover four projects]   [8:30 am – 4:30 pm]

Each project will have 40 minutes for presentation with 10 minutes
discussion. These sessions are open to all. At the completion of all
project presentation, the two projects under review will meet

individually for twenty minutes with the reviewers in closed session for additional questions and discussion. (This will be accomplished in parallel, with both review panels spilt in half.) There will then be a closed session for the reviewers to meet with representatives of the pilots and other applications. The reviewers will then meet with the program managers in closed session to conclude the review. Feedback to individual projects will be addressed later, by mid-September.

Room A216

8:30 am – 10:10am	***Middleware for Data Transport and Management, cont'd*** 22. IQEcho –Heterogeneous Computing Environment – Schwan 23. High-Performance Data Grid Toolkit - Foster/Allcock
10:10 am-10:20 am	***Break***
10:20 am – 12 noon	***Information briefings*** 24. *Portal Web Services: Support of DOE SciDAC Collaboratories – Thomas* 25. *Community Services: Parallel Scientific Computation Made Easy – Weissman*
12 noon – 1 pm	***Lunch – ANL cafeteria***
1 pm – 1:40 pm	***Group A reviewers closed session drill-down*** Reviewers spend 20 minutes each with projects 22-23
1:40 pm – 3 pm	***All Reviewers meet in closed session interview with Pilot Collaboratories and invited Application Representatives***
3:10 pm – 4:30 pm	***Executive session*** (reviewers only)